

# PRODUCT DATA SHEET

## Sika® AS Superplasticiser

### ANHYDRITE SCREED ADMIXTURE

#### PRODUCT DESCRIPTION

Sika® AS Superplasticiser is a powdered HRWR/Superplasticiser which is suitable for all calcium sulphate binders.

#### USES

Sika® AS Superplasticiser is a unique product that is suitable for the production of Anhydrite/Calcium sulphate based products.

#### CHARACTERISTICS / ADVANTAGES

- High range water reductions resulting in higher strengths and densities
- Improved cohesion properties
- Improved early and ultimate strengths
- Improved rheology
- Reduced segregation and bleeding
- Reduced drying shrinkage
- Reduced surface laitance

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Modified Polycarboxylate in inert filler base
<b>Packaging</b>	1000kg bags
<b>Appearance / Colour</b>	White Powder
<b>Shelf Life</b>	12 months from date of production if stored in unopened and undamaged original sealed containers.
<b>Storage Conditions</b>	Protect from moisture at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.
<b>Bulk Density</b>	1.25kg/litre (approx)
<b>Specific Advice</b>	Water Soluble Chloride Content: <0.1% (chloride free) Alkali Content (as equiv. Na <sub>2</sub> O): <0.2%

#### APPLICATION INFORMATION

<b>Recommended Dosage</b>	0.25 – 1.5% by weight of binder
<b>Dispensing</b>	Sika® AS Superplasticiser should be dispensed through suitable calibrated dosing equipment.

## APPLICATION INSTRUCTIONS

### APPLICATION METHOD / TOOLS

- The standard rules of good anhydrite screed practice, concerning production as well as placing and curing, are to be followed. Refer to relevant standards.
- Sika® AS Superplasticiser should be pre blended with the anhydrite/calcium sulphate and fully dispersed to ensure optimum performance levels.

### NOTES ON APPLICATION / LIMITATIONS

- When using Sika® AS Superplasticiser a suitable mix design is required and local materials sources should be evaluated.
- Support from our Technical Department is recommended

## VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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